

## Koch, Kristine

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**From:** Koch, Kristine  
**Sent:** Tuesday, November 25, 2014 8:48 AM  
**To:** Alex Liverman (liverman.alex@deq.state.or.us); Allen, Elizabeth (allen.elizabeth@epa.gov); Audie Huber (audiehuber@ctuir.com); Blischke, Eric; Brian Cunningham (cunningham@gorge.net); callie@ridolfi.com (callie@ridolfi.com); Coffey, Scott; Conley, Alanna (conley.alanna@epa.gov); Erin Madden (erin.madden@gmail.com); Fuentes, Rene (fuentes.rene@epa.gov); Gabriel Moses (b) (6); Gail Fricano (gfricano@indecon.com); Genevieve Angle (Genevieve.Angle@noaa.gov); Hagerman, Paul; Holly Partridge (Holly.Partridge@grandronde.org); JD Williams (jd@williamsjohnsonlaw.com); Jeanette Mullin (mullinjm@cdmsmith.com); Jennifer Peterson (peterson.jennifer@deq.state.or.us); Jeremy Buck (jeremy\_buck@fws.gov); Julie Weis (jweis@hk-law.com); Kristin Callahan (kristin@ridolfi.com); Matt McClincy (mcclincy.matt@deq.state.or.us); Michael Karnosh (Michael.Karnosh@grandronde.org); Mike Poulsen (poulsen.mike@deq.state.or.us); Muza, Richard (Muza.Richard@epa.gov); rdelvecchio@indecon.com DelVecchio; Rita Cabral (rcabral@indecon.com); Rob Neeley (Robert.Neely@noaa.gov); Rose Longoria - Yakama Nation (rose@yakamafish-nsn.gov); Ryan Sudbury (Ryan.Sudbury@grandronde.org); Sheldrake, Sean (sheldrake.sean@epa.gov); Shephard, Burt (Shephard.Burt@epa.gov); Todd King (KingTW@cdmsmith.com); Tom Downey (tomd@ctsi.nsn.us); Tom Gainer (gainer.tom@deq.state.or.us)  
**Subject:** FW: Updated EPA FS Database  
**Attachments:** RE: EPA FS Database

All - here is the updated FS database.

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-----Original Message-----

From: Sandy Browning [mailto:sbrowning@integral-corp.com]  
Sent: Friday, November 21, 2014 4:39 PM  
To: Koch, Kristine  
Cc: Jim McKenna (jim.mckenna@verdantllc.com) (jim.mckenna@verdantllc.com); rjw@nwnatural.com; 'Patty Dost' (pdost@pearllegalgroup.com); Jennifer Woronets (jworonets@anchorqea.com); Gene Revelas; Carl Stivers (cstivers@anchorqea.com); Amanda Shellenberger (ashellenberger@anchorqea.com)  
Subject: Updated EPA FS Database

Hi Kristine.

EPA requested that the LWG make corrections to EPA's updated FS database, based on some missing information from the Arkema EE/CA process that the LWG identified. (Attached is the email chain noting the LWG suggested corrections and EPA's direction to make the corrections.) The corrected database has been posted to this location: PHCP Files | Data | EPA FS Database.

In summary, here are the changes that were made:

- \* Updated the database to include recent Arkema early action database updates
- \* Missing data added, missing total sums calculated, all OC-normalization for the 18 samples re-calculated
- \* Standardized units ("percent" to "pct"), group descriptions, analyte short names, and chemical name columns.

Note that per the attached email chain directions from EPA, no additional data beyond the corrections identified above have been added to EPA's FS database.

Thanks.

Sandy

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